GenCore version 5.1.3

OM protein - protein search, using sw model

Run on: January 16, 2003, 16:43:32 ; Search Time 5.14286 Seconds
(without alignments)
28.606 Million cell updates/sec

Title: US-09-856-070-16
Perfect score: 25
Sequence: 1 EFEKE 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep.*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	25	100.0	12	2	US-08-762-695-6	Sequence 6, Appli
2	25	100.0	12	2	US-08-538-711A-6	Sequence 6, Appli
3	25	100.0	12	4	US-08-725-027-6	Sequence 6, Appli
4	25	100.0	14	1	US-08-461-564-2	Sequence 2, Appli
5	25	100.0	122	3	US-08-612-986-7	Sequence 7, Appli
6	25	100.0	122	1	US-08-361-806A-7	Sequence 7, Appli
7	25	100.0	122	5	PCT-US95-16806A-7	Sequence 7, Appli
8	25	100.0	133	4	US-08-905-223-412	Sequence 412, App
9	25	100.0	218	4	US-08-914-375C-6	Sequence 6, Appli
10	25	100.0	218	4	US-08-914-375C-11	Sequence 11, Appl
11	25	100.0	218	4	US-08-914-375C-14	Sequence 14, Appl
12	25	100.0	218	4	US-08-914-375C-15	Sequence 15, Appl
13	25	100.0	218	4	US-08-914-375C-30	Sequence 30, Appl
14	25	100.0	288	2	US-08-961-858-6	Sequence 6, Appli
15	25	100.0	288	3	US-09-089-594-6	Sequence 6, Appli
16	25	100.0	288	3	US-08-950-925-4	Sequence 4, Appli
17	25	100.0	341	2	US-08-538-711A-8	Sequence 8, Appli
18	25	100.0	341	4	US-08-725-027-8	Sequence 8, Appli
19	25	100.0	394	1	US-08-357-264-3	Sequence 3, Appli
20	25	100.0	394	1	US-08-672-514-3	Sequence 3, Appli
21	25	100.0	442	2	US-08-944-750C-47	Sequence 47, Appl
22	25	100.0	442	4	US-09-234-613-47	Sequence 47, Appl
23	25	100.0	586	4	US-09-040-726A-1	Sequence 1, Appli
24	25	100.0	605	4	US-09-394-645-2	Sequence 2, Appli
25	25	100.0	605	4	US-09-244-560A-2	Sequence 2, Appli
26	25	100.0	686	2	US-08-993-228-12	Sequence 12, Appl
27	25	100.0	717	4	US-09-307-143-2	Sequence 2, Appli
28	25	100.0	720	4	US-09-708-426-8	Sequence 8, Appli
29	25	100.0	724	4	US-09-307-143-6	Sequence 6, Appli
30	25	100.0	802	4	US-09-156-316-1	Sequence 1, Appli
31	25	100.0	864	4	US-09-604-978-11	Sequence 11, Appl
32	25	100.0	1120	4	US-09-147-404-1	Sequence 1, Appli
33	25	100.0	1185	4	US-09-041-886-23	Sequence 23, Appl
34	25	100.0	1400	1	US-08-080-255-7	Sequence 7, Appli
35	25	100.0	1400	3	US-08-465-713-7	Sequence 7, Appli
36	25	100.0	1400	5	PCT-US93-05857-7	Sequence 7, Appli
37	25	100.0	1898	1	US-08-056-200-94	Sequence 94, Appl
38	25	100.0	1898	2	US-08-800-644-94	Sequence 94, Appl
39	25	100.0	3969	4	US-08-061-376-5	Sequence 5, Appli
40	22	88.0	7	1	US-08-704-170-5	Sequence 5, Appli
41	22	88.0	7	5	PCT-US94-02631-5	Sequence 5, Appli
42	22	88.0	10	1	US-08-097-830E-4	Sequence 4, Appli
43	22	88.0	10	5	PCT-US95-03236-12	Sequence 12, Appl
44	22	88.0	12	1	US-08-704-170-2	Sequence 2, Appli
45	22	88.0	12	4	US-09-058-459-33	Sequence 33, Appl

ALIGNMENTS

RESULT 1
US-08-762-695-6
; Sequence 6, Application US/08762695
; Patent No. 5846738
; GENERAL INFORMATION:
; APPLICANT: SEIDEL, CHRISTOPH
; APPLICANT: BIALK, PETER
; APPLICANT: VON DER ELTZ, HERBERT
; TITLE OF INVENTION: SYNTHETIC STANDARD FOR IMMUNOASSAYS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIDO, MARMELSTEIN, MURRAY, AND ORAM
; STREET: METROPOLITAN SQUARE, 655 15TH ST, N.W., SUITE
; STREET: 330-G ST.LOBBY
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,695
; FILING DATE: 12-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/325,589
; FILING DATE: 19-OCT-1994
; APPLICATION NUMBER: DE P 43 35 798.9
; FILING DATE: 20-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 17 735.6
; FILING DATE: 20-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 20 742.5
; FILING DATE: 15-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: NOLAN, SHARON L.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614.4050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638 5000
; TELEFAX: (202)638 4810
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 amino acids
; TYPE: amino acid
; STRANDEDNESS: single

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;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-762-695-6

  Query Match             100.0%;  Score 25;  DB 2;  Length 12;
  Best Local Similarity   100.0%;  Pred. No. 15;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db       8 EREKE 12


RESULT 2
US-08-538-711A-6
; Sequence 6, Application US/08538711A
; Patent No. 5994062
;  GENERAL INFORMATION:
;    APPLICANT:  MULSHINE, JAMES, L.
;    TITLE OF INVENTION:  AN EPITHELIAL PROTEIN AND
;    TITLE OF INVENTION:  DNA THEREOF FOR USE IN EARLY CANCER DETECTION
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  MORGAN & FINNEGAN, L.L.P.
;      STREET:  345 PARK AVENUE
;      CITY:  NEW YORK
;      STATE:  NEW YORK
;      COUNTRY:  USA
;      ZIP:  10154
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  FLOPPY DISK
;      COMPUTER:  IBM PC COMPATIBLE
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/538,711A
;      FILING DATE:  02-OCT-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KATHRYN M. BROWN
;      REGISTRATION NUMBER:  34,556
;      REFERENCE/DOCKET NUMBER:  2026-4201
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 758-4800
;      TELEFAX:  (212) 751-6849
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  12
;      TYPE:  Amino Acid
;      STRANDEDNESS:  Unknown
;      TOPOLOGY:  Linear
;    MOLECULE TYPE:  peptide
US-08-538-711A-6

  Query Match             100.0%;  Score 25;  DB 2;  Length 12;
  Best Local Similarity   100.0%;  Pred. No. 15;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db       1 EREKE 5


RESULT 3
US-08-725-027-6
; Sequence 6, Application US/08725027
; Patent No. 6251586
;  GENERAL INFORMATION:
;    APPLICANT:  MULSHINE, JAMES, L.
;    APPLICANT:  TOCKMAN, MELVYN, S.
;    TITLE OF INVENTION:  AN EPITHELIAL PROTEIN AND
;    TITLE OF INVENTION:  DNA THEREOF FOR USE IN EARLY CANCER DETECTION
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  MORGAN & FINNEGAN, L.L.P.
;      STREET:  345 PARK AVENUE
;      CITY:  NEW YORK
;      STATE:  NEW YORK
;      COUNTRY:  USA
;      ZIP:  10154
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  FLOPPY DISK
;      COMPUTER:  IBM PC COMPATIBLE
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/725,027
;      FILING DATE:  02-OCT-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US08/538,711
;      FILING DATE:  02-OCT-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KATHRYN M. BROWN
;      REGISTRATION NUMBER:  34,556
;      REFERENCE/DOCKET NUMBER:  2026-4201US1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 758-4800
;      TELEFAX:  (212) 751-6849
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  12
;      TYPE:  Amino Acid
;      STRANDEDNESS:  Unknown
;      TOPOLOGY:  Linear
;    MOLECULE TYPE:  peptide
US-08-725-027-6

  Query Match             100.0%;  Score 25;  DB 4;  Length 12;
  Best Local Similarity   100.0%;  Pred. No. 15;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db       1 EREKE 5


RESULT 4
US-08-461-564-2
; Sequence 2, Application US/08461564
; Patent No. 5773573
;  GENERAL INFORMATION:
;    APPLICANT:  Holms, Rupert
;    TITLE OF INVENTION:  Aids Prophylactics
;    NUMBER OF SEQUENCES:  3
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Saliwanchik Lloyd & Saliwanchik
;      STREET:  2421 N.W. 41st Street, Suite A-1
;      CITY:  Gainesville
;      STATE:  FL
;      COUNTRY:  US
;      ZIP:  32606-6669
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/461,564
;      FILING DATE:  05-JUN-1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Pace, Doran R.
;      REGISTRATION NUMBER:  38,261
```

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;      REFERENCE/DOCKET NUMBER:  GJE15
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  352-375-8100
;      TELEFAX:  352-372-5800
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  14 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-461-564-2

  Query Match           100.0%;  Score 25;  DB 1;  Length 14;
  Best Local Similarity  100.0%;  Pred. No. 17;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db      10 EREKE 14


RESULT 5
US-08-612-986-7
; Sequence 7, Application US/08612986
; Patent No. 5770384
;  GENERAL INFORMATION:
;    APPLICANT:  Elliot J. Androphy
;    APPLICANT:  Dave E. Breiding
;    TITLE OF INVENTION:  E2 BINDING PROTEINS
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Lahive & Cockfield
;      STREET:  60 State Street, suite 510
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02109-1875
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII text
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/612,986
;      FILING DATE:
;      CLASSIFICATION:  800
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/361,806
;      FILING DATE:  22 DEC 1994
;      CLASSIFICATION:  800
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Myers, Paul L.
;      REGISTRATION NUMBER:  35,965
;      REFERENCE/DOCKET NUMBER:  NEP-004DV
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 227-7400
;      TELEFAX:  (617) 227-5941
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  122 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-612-986-7

  Query Match           100.0%;  Score 25;  DB 1;  Length 122;
  Best Local Similarity  100.0%;  Pred. No. 1.3e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db      82 EREKE 86


RESULT 6
US-08-361-806A-7
; Sequence 7, Application US/08361806A
; Patent No. 5792833
;  GENERAL INFORMATION:
;    APPLICANT:  Elliot J. Androphy
;    APPLICANT:  Dave E. Breiding
;    TITLE OF INVENTION:  E2 BINDING PROTEINS
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Lahive & Cockfield
;      STREET:  60 State Street, suite 510
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02109-1875
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII text
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/361,806A
;      FILING DATE:  22 DEC 1994
;      CLASSIFICATION:  530
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Myers, Paul L.
;      REGISTRATION NUMBER:  35,965
;      REFERENCE/DOCKET NUMBER:  NEP-004
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 227-7400
;      TELEFAX:  (617) 227-5941
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  122 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-361-806A-7

  Query Match           100.0%;  Score 25;  DB 1;  Length 122;
  Best Local Similarity  100.0%;  Pred. No. 1.3e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db      82 EREKE 86


RESULT 7
PCT-US95-16806A-7
; Sequence 7, Application PC/TUS9516806A
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  E2 Binding Proteins
;    NUMBER OF SEQUENCES:  21
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII (text)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/16806A
;      FILING DATE:  December 22, 1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/361,806
;      FILING DATE:  22-DEC-1994
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  122 amino acids
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;       TYPE:  amino acid
;       TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT US95-16806A-7

  Query Match             100.0%;  Score 25;  DB 5;  Length 122;
  Best Local Similarity   100.0%;  Pred. No. 1.3e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db      82 EREKE 86


RESULT 8
US 08-905-223-412
; Sequence 412, Application US/08905223
; Patent No. 6222029
;  GENERAL INFORMATION:
;    APPLICANT:  Edwards, Jean-Baptiste D.
;    APPLICANT:  Duelert, Aymeric
;    APPLICANT:  Lacroix, Bruno
;    TITLE OF INVENTION:  5' ESTs FOR SECRETED PROTEINS
;    NUMBER OF SEQUENCES:  503
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Knobbe, Martens, Olson & Bear
;      STREET:  501 West Broadway
;      CITY:  San Diego
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  92101-3505
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy Disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  Win95
;      SOFTWARE:  Word
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/905,223
;      FILING DATE:
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Israelsen, Ned A
;      REGISTRATION NUMBER:  29,655
;      REFERENCE/DOCKET NUMBER:
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (619) 235-8550
;      TELEFAX:  (619) 235-0176
;  INFORMATION FOR SEQ ID NO:  412:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  AMINO ACID
;      TOPOLOGY:  LINEAR
;    MOLECULE TYPE:  PROTEIN
;    ORIGINAL SOURCE:
;      ORGANISM:  Homo Sapiens
;      TISSUE TYPE:  Brain
;    FEATURE:
;      NAME/KEY:  sig_peptide
;      LOCATION:  -109..-1
;      IDENTIFICATION METHOD:  Von Heijne matrix
;      OTHER INFORMATION:  score 6
;      OTHER INFORMATION:  seq LQLLLGMIASAVA/AL
US 08 905-223-412

  Query Match             100.0%;  Score 25;  DB 4;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 1.4e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db      37 EREKE 41


RESULT 9
US-08-914-375C-6
; Sequence 6, Application US/08914375C
; Patent No. 6377893
;  GENERAL INFORMATION:
;       APPLICANT: Steven A. Benner
;                  Applications of Protein Structure Predictions
;       NUMBER OF SEQUENCES: 74
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Steven A. Benner
;            STREET: 1501 NW 68th Terrace
;            CITY: Gainesville
;            STATE: FL
;            COUNTRY: United States
;            ZIP: 32605-4147
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: 3.5 inch diskette
;            COMPUTER: Apple MacIntosh
;            OPERATING SYSTEM: MacIntosh 7.0
;            SOFTWARE: Microsoft Word
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/08/914,375C
;            FILING DATE: 19-Aug-1997
;            CLASSIFICATION: 702/20
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 352 392 7773
;            TELEFAX: 352 331 0462
;   INFORMATION FOR SEQ ID NO: 6:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 218
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: amino acid
;       ORIGINAL SOURCE:
;            ORGANISM: Gallus gallus
;       FEATURE:
;            OTHER INFORMATION: HS9B_CHICK HEAT SHOCK COGNATE PROTEIN HSP 90-BETA
;       SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-08-914-375C-6

  Query Match             100.0%;  Score 25;  DB 4;  Length 218;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     211 EREKE 215


RESULT 10
US-08-914-375C-11
; Sequence 11, Application US/08914375C
; Patent No. 6377893
;  GENERAL INFORMATION:
;       APPLICANT: Steven A. Benner
;                  Applications of Protein Structure Predictions
;       NUMBER OF SEQUENCES: 74
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Steven A. Benner
;            STREET: 1501 NW 68th Terrace
;            CITY: Gainesville
;            STATE: FL
;            COUNTRY: United States
;            ZIP: 32605-4147
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: 3.5 inch diskette
;            COMPUTER: Apple MacIntosh
;            OPERATING SYSTEM: MacIntosh 7.0
;            SOFTWARE: Microsoft Word
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/08/914,375C
;            FILING DATE: 19-Aug-1997
;            CLASSIFICATION: 702/20
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;         TELECOMMUNICATION INFORMATION:
;              TELEPHONE: 352 392 7773
;              TELEFAX: 352 331 0462
;    INFORMATION FOR SEQ ID NO: 11:
;         SEQUENCE CHARACTERISTICS:
;              LENGTH: 218
;              TYPE: amino acid
;              TOPOLOGY: linear
;         MOLECULE TYPE: amino acid
;         ORIGINAL SOURCE:
;              ORGANISM: Drosophila pseudoobscura
;         FEATURE:
;              OTHER INFORMATION: HS83_DROPS HEAT SHOCK PROTEIN 83 (HSP 82) (FRAGMENT)
;         SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-08-914-375C-11

  Query Match             100.0%;  Score 25;  DB 4;  Length 218;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     211 EREKE 215


RESULT 11
US-08-914-375C-14
; Sequence 14, Application US/08914375C
; Patent No. 6377893
;   GENERAL INFORMATION:
;         APPLICANT: Steven A. Benner
;                    Applications of Protein Structure Predictions
;         NUMBER OF SEQUENCES: 74
;         CORRESPONDENCE ADDRESS:
;              ADDRESSEE: Steven A. Benner
;              STREET: 1501 NW 68th Terrace
;              CITY: Gainesville
;              STATE: FL
;              COUNTRY: United States
;              ZIP: 32605-4147
;         COMPUTER READABLE FORM:
;              MEDIUM TYPE: 3.5 inch diskette
;              COMPUTER: Apple MacIntosh
;              OPERATING SYSTEM: MacIntosh 7.0
;              SOFTWARE: Microsoft Word
;         CURRENT APPLICATION DATA:
;              APPLICATION NUMBER: US/08/914,375C
;              FILING DATE: 19-Aug-1997
;              CLASSIFICATION: 702/20
;         TELECOMMUNICATION INFORMATION:
;              TELEPHONE: 352 392 7773
;              TELEFAX: 352 331 0462
;    INFORMATION FOR SEQ ID NO: 14:
;         SEQUENCE CHARACTERISTICS:
;              LENGTH: 218
;              TYPE: amino acid
;              TOPOLOGY: linear
;         MOLECULE TYPE: amino acid
;         ORIGINAL SOURCE:
;              ORGANISM: Drosophila melanogaster
;         FEATURE:
;              OTHER INFORMATION: HS83_DROME HEAT SHOCK PROTEIN 83 (HSP 82)
;         SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-08-914-375C-14

  Query Match             100.0%;  Score 25;  DB 4;  Length 218;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
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Db     211 EREKE 215


RESULT 12
US-08-914-375C-15
; Sequence 15, Application US/08914375C
; Patent No. 6377893
;   GENERAL INFORMATION:
;         APPLICANT: Steven A. Benner
;                    Applications of Protein Structure Predictions
;         NUMBER OF SEQUENCES: 74
;         CORRESPONDENCE ADDRESS:
;              ADDRESSEE: Steven A. Benner
;              STREET: 1501 NW 68th Terrace
;              CITY: Gainesville
;              STATE: FL
;              COUNTRY: United States
;              ZIP: 32605-4147
;         COMPUTER READABLE FORM:
;              MEDIUM TYPE: 3.5 inch diskette
;              COMPUTER: Apple MacIntosh
;              OPERATING SYSTEM: MacIntosh 7.0
;              SOFTWARE: Microsoft Word
;         CURRENT APPLICATION DATA:
;              APPLICATION NUMBER: US/08/914,375C
;              FILING DATE: 19-Aug-1997
;              CLASSIFICATION: 702/20
;         TELECOMMUNICATION INFORMATION:
;              TELEPHONE: 352 392 7773
;              TELEFAX: 352 331 0462
;    INFORMATION FOR SEQ ID NO: 15:
;         SEQUENCE CHARACTERISTICS:
;              LENGTH: 218
;              TYPE: amino acid
;              TOPOLOGY: linear
;         MOLECULE TYPE: amino acid
;         ORIGINAL SOURCE:
;              ORGANISM: Homo sapiens
;         FEATURE:
;              OTHER INFORMATION: HS9B_HUMAN HEAT SHOCK PROTEIN HSP 90-BETA (HSP 84) (
;              90)
;         SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-914-375C-15

  Query Match             100.0%;  Score 25;  DB 4;  Length 218;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     211 EREKE 215


RESULT 13
US-08-914-375C-30
; Sequence 30, Application US/08914375C
; Patent No. 6377893
;   GENERAL INFORMATION:
;         APPLICANT: Steven A. Benner
;                    Applications of Protein Structure Predictions
;         NUMBER OF SEQUENCES: 74
;         CORRESPONDENCE ADDRESS:
;              ADDRESSEE: Steven A. Benner
;              STREET: 1501 NW 68th Terrace
;              CITY: Gainesville
;              STATE: FL
;              COUNTRY: United States
;              ZIP: 32605-4147
;         COMPUTER READABLE FORM:
;              MEDIUM TYPE: 3.5 inch diskette
;              COMPUTER: Apple MacIntosh
;              OPERATING SYSTEM: MacIntosh 7.0
;              SOFTWARE: Microsoft Word
;         CURRENT APPLICATION DATA:
;              APPLICATION NUMBER: US/08/914,375C
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;              FILING DATE: 19-Aug-1997
;              CLASSIFICATION: 702/20
;         TELECOMMUNICATION INFORMATION:
;              TELEPHONE: 352 392 7773
;              TELEFAX: 352 331 0462
;    INFORMATION FOR SEQ ID NO: 30:
;         SEQUENCE CHARACTERISTICS:
;              LENGTH: 218
;              TYPE: amino acid
;              TOPOLOGY: linear
;         MOLECULE TYPE: amino acid
;         ORIGINAL SOURCE:
;              ORGANISM: Rattus sp. brain
;         FEATURE:
;              OTHER INFORMATION: HEAT SHOCK PROTEIN 90
;         SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-08-914-375C-30

  Query Match             100.0%;  Score 25;  DB 4;  Length 218;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     211 EREKE 215


RESULT 14
US-08-961-858-6
; Sequence 6, Application US/08961858
; Patent No. 5834210
;  GENERAL INFORMATION:
;    APPLICANT:  Liu, Shiqui
;    APPLICANT:  Shi, Qinwei
;    TITLE OF INVENTION:  STABLE TROPONIN SUBUNITS AND COMPLEXES
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Klauber & Jackson
;      STREET:  411 Hackensack Avenue, 4th Floor
;      CITY:  Hackensack
;      STATE:  New Jersey
;      COUNTRY:  USA
;      ZIP:  07601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/961,858
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Jackson Esq., David A.
;      REGISTRATION NUMBER:  26,742
;      REFERENCE/DOCKET NUMBER:  1112-1-044 CIP
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  201-487-5800
;      TELEFAX:  201-343-1684
;      TELEX:  133521
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  288 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
;    HYPOTHETICAL:  NO
US-08-961-858-6

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  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     143 EREKE 147


RESULT 15
US-09-089-593-6
; Sequence 6, Application US/09089593
; Patent No. 6060278
;  GENERAL INFORMATION:
;    APPLICANT:  Liu, Shiqui
;    APPLICANT:  Shi, Qinwei
;    TITLE OF INVENTION:  STABLE TROPONIN SUBUNITS AND COMPLEXES
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Klauber & Jackson
;      STREET:  411 Hackensack Avenue, 4th Floor
;      CITY:  Hackensack
;      STATE:  New Jersey
;      COUNTRY:  USA
;      ZIP:  07601
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/089,593
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/961,858
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Jackson Esq., David A.
;      REGISTRATION NUMBER:  26,742
;      REFERENCE/DOCKET NUMBER:  1112-1-044 CIP
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  201-487-5800
;      TELEFAX:  201-343-1684
;      TELEX:  133521
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  288 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
;    HYPOTHETICAL:  NO
US-09-089-593-6

  Query Match             100.0%;  Score 25;  DB 3;  Length 288;
  Best Local Similarity   100.0%;  Pred. No. 2.8e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 EREKE 5
           |||||
Db     143 EREKE 147


Search completed: January 16, 2003, 16:59:09
Job time : 6.14286 secs
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